

**AMENDMENTS TO THE DRAWINGS:**

The attached replacement sheets of drawings, including Figures 1-4, replace the previously submitted sheets of drawings including Figures 1-4. More specifically, Applicants have amended Figures 1-4. Each replacement sheet has been clearly labeled "Replacement Sheet" in the page header.

Attachment: 5 Replacement Sheets of drawings including Figures 1-4

## **REMARKS**

Claims 1, 2, 5, 7, 8, and 10 are pending in the application. Claims 3, 4, 6, and 9 have been cancelled. Claim 10 has been added. Claims 1, 2, 5, and 7 have been amended. Claim 1 is in independent form.

### **Drawings**

Applicant has attached five replacement sheets of drawings, including Figures 1-4, hereto directly following these Remarks. Each replacement sheet has been labeled "Replacement Sheet" in the page header as per 37 C.F.R. § 1.121(d).

First, the drawings are objected to as failing to comply with 37 C.F.R. § 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: "10" on line 22 of page 2. In response, Applicant has amended Figure 1 to include reference character "10" in order to identify the window regulator assembly 10 as set forth at line 22 of page 2.

Second, the drawings are objected to under 37 C.F.R. § 1.83(a) because they fail to show the slot in the shaft 12 for engaging the spring 16 as described in the specification. In amended Figure 1, reference character "17" has been added to correspond with the slot 17 in the shaft 12, as set forth in the amended specification.

Third, the drawings are objected to as failing to comply with 37 C.F.R. § 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: "34" in figure 1. In response, Applicant has amended the paragraph beginning at line 18 of page 3 to set forth a hooked end 34.

Additionally, in amended Figure 1, reference character "25" has been added to correspond with the outer surface 25, as set forth in the amended specification.

In amended Figure 2, reference character "23" has been added to correspond with the inner face 23, as set forth in the amended specification.

In amended Figure 3A, reference character "27" has been added to correspond with the series of internal teeth 27, as set forth in the amended specification.

In amended Figure 3B, reference character "26" has been added to identify the central bore 26 to correspond with the description in the amended specification. Reference character "27" has been added to correspond with the series of internal teeth 27, as set forth in the amended specification. Also, reference character "44" which had been crossed out, has been deleted.

In amended Figure 4, reference character "26" now identifies the central bore 26 to correspond with the description in the amended specification. Also, reference character "27" has been added to correspond with the series of internal teeth 27, as set forth in the amended specification.

Applicant attests that no new matter has been added thereto.

### **Specification**

As required by 37 C.F.R. § 1.72(b), Applicant has submitted a new abstract of the disclosure. Applicant has also instructed the Examiner to cancel the previously submitted abstract of the disclosure.

First, the Examiner has objected to the abstract of the disclosure because "as the drum has a rotational axis" on line 4 is grammatically awkward and confusing. In response, Applicant has submitted the new abstract of the disclosure which sets forth "The drum has a rotational axis ...."

Second, the Examiner has objected to the abstract of the disclosure and suggests that on line 5, Applicant insert --a-- following "providing" to avoid confusion. In response, Applicant has inserted --a-- following "providing" in the new abstract of the disclosure as suggested by the Examiner.

Third, the Examiner has objected to the specification because "the description of figures 3a and 3b on lines 16-17 of page 2 is inadequate since each figure is not described separately." In response, Applicant has amended the specification to separately describe figures 3a and 3b.

Additionally, the specification has been amended to clarify terminology set forth in the application as filed. Applicant attests that no new matter has been added thereto.

### **Claim Rejections – 35 U.S.C. § 112**

Claims 1-9 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicant respectfully traverses the rejection.

First, the Examiner states that the recitation of "an inner gear" on line 6 of claim 1 renders the claim indefinite because it is unclear what the applicant is attempting to set forth. In response, Applicant has amended line 6 of claim 1 by deleting "an inner gear" and inserting "a central bore with a series of internal teeth" to more accurately define the invention.

Second, the Examiner states that the recitation of "a casing for housing said spring, said spring housing and said drum in abutting relationship" on lines 9-10 of claim 1 renders the claim indefinite because it is unclear what the applicant is attempting to set forth. In response, Applicant has amended lines 9-10 of claim 1 to read "a casing for housing said spring, said spring housing and said drum, wherein said casing houses said spring, said spring housing, and said drum in abutting relationship" as suggested by the Examiner.

Third, the Examiner states that the recitation of "has rotation axis" on line 1 of claim 2 renders the claim indefinite because it is grammatically awkward and confusing. In response, Applicant has amended line 1 of claim 2 to read "has a rotational axis" to more clearly define the invention.

Fourth, the Examiner states that the recitation of "formed in said drum" on line 2 of claim 5 renders the claim indefinite because it is unclear how the embossment can be formed "in" the

drum when it appears that the embossment is formed "on" the drum. In response, Applicant has amended line 2 of claim 5 to read "formed on" as suggested by the Examiner.

Thus, Applicant respectfully requests that the rejection of claims 1-9 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention be withdrawn.

### **Claim Rejections – 35 U.S.C. § 102**

Claims 1-4 and 7-9 stand rejected under 35 U.S.C. § 102(b) as being anticipated by United States Patent 4,503,732 to Schust ("the '732 reference"). Applicant respectfully traverses the rejection.

The '732 reference discloses a window lifter drive for a motor vehicle including a base member 12 containing a cable drum 18 rotatably mounted therein about axis 26 and a manual crank handle drive 14 operatively coupled thereto. The base member 12 includes a housing 20 enclosing the cable drum 18. A front wall 28 of the housing 20 has an opening 42 through which a pinion 44 on the crank handle drive 14 can pass through to afford engagement of the pinion 44 with an inner tothing 46 on the cable drum 18. The lower portion of the opening 42 includes a wall 45 projecting perpendicularly inwardly in the form of a partial hollow cylinder. The wall 45 includes a bearing wall 48 extending perpendicularly to the axis 26 and the wall 48 has an annular contour. The cable drum 18 is rotatably supported on the outer circumferential surface of the bearing wall 48 and the cable drum 18 has a recess 50 concentric with the axis 26. The cylindrically shaped circumferential surface 52 in the recess 50 contacts the outer circumferential surface of the bearing wall 48.

Claim 1 of the above-captioned application, as amended, includes the limitation of "a rail formed on one of said outer surface of said spring housing and said first axial end face of said drum, said rail disposed outward of said central bore, and a corresponding groove formed in the other of said outer surface of said spring housing and said first axial end face of said drum, said groove disposed outward of said central bore and receiving said rail therein for maintaining rotational alignment of said drum relative to said shaft."

**The '732 reference does not disclose a rail (42) formed on an outer surface (25) of a spring housing (20) that is disposed outward of a central bore (26) of a drum (24) and a corresponding groove (144) formed in a first axial end face of the drum (24) that is disposed outward of the central bore (26) of the drum (24), as required by amended claim 1 of the above-captioned application.** In the '732 reference, the recess 50 of the cable drum 18 that receives the bearing wall 48 of the housing 20 is the central bore of the cable drum 18.

Applicant has cancelled claims 3, 4, and 9.

Claims 2, 7, and 8 depend from amended claim 1 and, as such, are construed to incorporate by reference all of the limitations of amended claim 1, *see* 35 U.S.C. § 112, fourth paragraph. Thus, claims 2, 7, and 8 must be read as including the limitation of a rail (42) formed on an outer surface (25) of a spring housing (20) that is disposed outward of a central bore (26) of a drum (24) and a corresponding groove (144) formed in a first axial end face of the drum (24) that is disposed outward of the central bore (26).

Therefore, Applicant respectfully requests that the rejection under 35 U.S.C. § 102(b) of claims 1-4 and 7-9 as being anticipated by the '732 reference be withdrawn.

Claims 1, 2, 5, and 6 stand rejected under 35 U.S.C. § 102(b) as being anticipated by the '732 reference. Applicant respectfully traverses the rejection.

The disclosure of the '732 reference is set forth above.

**The '732 reference does not disclose a rail (42) formed on an outer surface (25) of a spring housing (20) that is disposed outward of a central bore (26) of a drum (24) and a corresponding groove (144) formed in a first axial end face of the drum (24) that is disposed outward of the central bore (26) of the drum (24), as required by amended claim 1 of the above-captioned application.** In the '732 reference, the recess 50 of the cable drum 18 that receives the bearing wall 48 of the housing 20 is the central bore of the cable drum 18.

Applicant has cancelled claim 6.

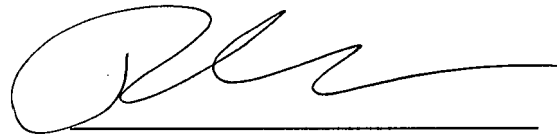
Claims 2 and 5 depend from amended claim 1 and, as such, are construed to incorporate by reference all of the limitations of amended claim 1, *see* 35 U.S.C. § 112, fourth paragraph. Thus, claims 2 and 5 must be read as including the limitation of a rail (42) formed on an outer surface (25) of a spring housing (20) that is disposed outward of a central bore (26) of a drum (24) and a corresponding groove (144) formed in a first axial end face of the drum (24) that is disposed outward of the central bore (26).

Therefore, Applicant respectfully requests that the rejection under 35 U.S.C. § 102(b) of claims 1, 2, 5, and 6 as being anticipated by the '732 reference be withdrawn.

It is respectfully submitted that this patent application is in condition for allowance, which allowance is respectfully solicited. If the Examiner has any questions regarding this amendment or the patent application, the Examiner is invited to contact the undersigned.

The Commissioner is hereby authorized to charge any additional fee associated with this Communication to Deposit Account No. 50-1759. A duplicate of this form is attached.

Respectfully submitted,



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